

U.S. DEPARTMENT OF COMMERCE, PATENT AND TRADEMARK OFFICE		DATE: August 24, 2004
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. Application No. (if known): 10/505416
INTERNATIONAL APPLICATION NO.: PCT/JP03/02066	INTERNATIONAL FILING DATE: February 25, 2003	PRIORITY DATE CLAIMED: February 25, 2002
TITLE OF INVENTION: SUPPORT UNIT FOR MICROFLUIDIC SYSTEM AND MANUFACTURING METHOD THEREOF		
APPLICANT(S) FOR DO/EO/US: Hiroshi KAWAZOE, Akishi NAKASO and Shigeharu ARIKE		
Applicant hereby submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <u>XX</u> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <u> </u> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <u>XX</u> This is an express request to begin national examination procedures (35 USC 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <u>XX</u> The US has been elected (Article 31).</p> <p>5. <u>XX</u> A copy of the International Application as filed (35 U.S.C. 371(c)(2)):</p> <p>a. <u> </u> is transmitted herewith (required only if not transmitted by the International Bureau).</p> <p>b. <u>XX</u> has been transmitted by the International Bureau.</p> <p>c. <u> </u> is not required, as the application was filed in the United States Receiving Office (RO/US)</p> <p>6. <u>XX</u> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).</p> <p>a. <u>XX</u> is attached hereto.</p> <p>b. <u> </u> has been previously submitted under 35 U.S.C. 154(d)(4).</p> <p>7. <u>XX</u> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))</p> <p>a. <u> </u> are transmitted herewith (required only if not transmitted by the International Bureau).</p> <p>b. <u> </u> have been transmitted by the International Bureau.</p> <p>c. <u> </u> have not been made; however, the time limit for making such amendments has NOT expired.</p> <p>d. <u>XX</u> have not been made and will not be made.</p> <p>8. <u> </u> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <u> </u> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <u> </u> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p> <p>ITEMS 11. TO 20. BELOW CONCERN OTHER DOCUMENT(S) OR INFORMATION INCLUDED:</p> <p>11. <u>XX</u> An Information Disclosure Statement under 37 CFR 1.97 and 1.98 together with the international search report, PTO-1449 and 5 references.</p> <p>12. <u> </u> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. ASSIGNEE NAME AND ADDRESS: HITACHI CHEMICAL CO., LTD., Tokyo, Japan Please publish the assignee data with the application.</p> <p>13. <u>XX</u> A preliminary amendment.</p> <p>14. <u> </u> An Application Data Sheet under 37 C.F.R. 1.76</p> <p>15. <u> </u> A substitute specification.</p> <p>16. <u> </u> A change of power of attorney and/or address letter.</p> <p>17. <u> </u> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. 1.821 - 1.825.</p> <p>18. <u> </u> A second copy of the published international application under 35 U.S.C. 154(d)(4).</p> <p>19. <u> </u> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. <u>XX</u> Other items or information: 12 sheets of drawings.</p>		

U.S. APPLICATION NO. (if known) 10/505416		INTERNATIONAL APPLICATION NO. PCT/JP03/02066		DATE: August 24, 2004	
--	--	---	--	------------------------------	--

<p>21. <u>X</u> The following fees are submitted:</p> <p>Basic National Fee (37 CFR 1.492(a)(1)-(5): Search Report has been prepared by the EPO or JPO:\$920.00</p> <p>International preliminary examination fee paid to USPTO (37 CFR 1.482)\$730.00</p> <p>No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2))\$770.00</p> <p>Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO\$1080.00</p> <p>International preliminary examination fee (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4)\$100.00</p> <p style="text-align: right;">ENTER APPROPRIATE BASIC FEE AMOUNT =</p>	<u>CALCULATIONS</u>	<u>PTO USE ONLY</u>
\$ 920.00		

Surcharge of \$130.00 for furnishing the oath or declaration later than <u>x</u> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).	\$ 130.00	
--	-----------	--

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
TOTAL	22 -20 =	2	X \$ 18.00	\$ 36.00	
INDEPENDENT	6 - 3 =	3	X \$ 86.00	\$ 258.00	
Multiple dependent claims(s) (if applicable)			+ \$290.00	\$ 290.00	
TOTAL OF ABOVE CALCULATIONS =				\$1,634.00	
Reduction by 1/2 for filing by small entity, if applicable. (Note 37 CFR 1.9, 1.27, 1.28).					
SUBTOTAL =				\$1,634.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). +					
TOTAL NATIONAL FEE =				\$1,634.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +					
TOTAL FEES ENCLOSED =				\$1,634.00	
				Amount to be:	
				refunded	\$
				charged	\$

SGA/yap